

RECEIVED
CENTRAL FAX CENTER
FEB 15 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Alex Nugent
SERIAL NO.: 10/730,708
FILED: 12/08/2003
TITLE: ADAPTIVE NEURAL NETWORK UTILIZING NANOTECHNOLOGY-BASED COMPONENTS

EXAMINER: Peter Coughlan
GROUP: 2129
ATTY DKT NO.: 1000-1214

CERTIFICATE OF TRANSMISSION BY FACSIMILE**Please forward all correspondence to:**

ORTIZ & LOPEZ, PLLC
Patent Attorneys
P.O. Box 4484
Albuquerque, NM 87196-4484

*I hereby certify that this correspondence is being transmitted to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by facsimile transmission to the following fax number **(571) 273-8300** on February 15, 2007.*



Kermit Lopez

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENTS AND REPLY TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated November 28, 2006, please enter the following amendments and remarks:

Amendments to claims begin on Page 2 of this Paper.

Amendments to the specification begin on Page 13 of this Paper.

Remarks begin on Page 14 of this Paper.

A declaration pursuant to 37 CFR 1.130 is included herewith.

A terminal disclaimer in accordance with 37 CFR 1.321 is included herewith.

Page 1 of 68
SERIAL NO. 10/730,708